

OCT 07 2005

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Attention: Examiner: Marcos L. Torres

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GROUP ART UNIT: 2687

UNITED STATES PATENT AND TRADEMARK  
OFFICE

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Pages: Cover + 2 + 1 = 4

Date: October 7, 2005

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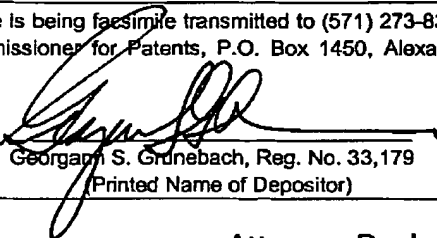
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Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Depositor)October 7, 2005  
(Date of Signature)

Re: Serial No. 09/858,387

Attorney Docket No. PD-201006A

Filing Date: May 15, 2001

Please find attached:

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

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Date: October 7, 2005

  
Georgann S. Grunebach, Reg. No. 33,179Patent  
PD-201006A  
Customer No. 020991**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Donald C.D. Chang, :

Date: October 7, 2005

Serial No.: 09/858,387 :

Group Art Unit: 2687

Filed: May 15, 2001 :

Examiner: Marcos L. Torres

For: COMMUNICATION SYSTEM FOR :  
MOBILE USERS USING :  
ADAPTIVE ANTENNAS :**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (b)(4)**Mail Stop Amendment  
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The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted before the mailing of a first Office action after the filing of a request for continued examination under §1.114 and therefore it is believed that no fee is due with this submission under 37 C.F.R. §1.97(b)(4).

If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

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Respectfully submitted,

By:

  
Georgann S. Grunebach, Reg. No. 33,179

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October 7, 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	09/858,387
	Filing Date	May 15, 2001
	First Named Inventor	Donald C.D. Chang
	Art Unit	2687
Examiner Name	Marcos L. Torres	
Sheet 1 of 1	Attorney Docket Number	PD-201006A

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,249,514	06-2001	Campanella, S. Joseph	
		US-5,548,801	08-1996	Araki et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

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